

**AT A REGULAR MEETING OF THE MONTGOMERY COUNTY PUBLIC SERVICE
AUTHORITY, HELD ON THE 6TH DAY OF OCTOBER 2014, 7:00 P.M., MULTI PURPOSE
ROOM #2, MONTGOMERY COUNTY GOVERNMENT CENTER, CHRISTIANSBURG,
VIRGINIA:**

PRESENT:	William Brown	-Chair
	Christopher Tuck	-Vice Chair
	Mary Biggs	-Secretary-Treasurer
	Annette Perkins	-Member
	Todd King	-Member
	Matthew Gabriele	-Member
	Gary Creed	-Member
	Robert C. Fronk	-PSA Director
	Karri Cridlin	-Secretary to PSA Board
	Craig Meadows	-County Administrator
	Marty McMahon	-County Attorney

ABSENT:

CALL TO ORDER

Chair William Brown called the meeting to order and determined that a quorum was present.

PUBLIC ADDRESS SESSION

There were no comments from the public

CONSENT AGENDA

On a motion by Mary Biggs, seconded by Matthew Gabriele, and carried; IT WAS RESOLVED, that the Public Service Authority hereby approves the Consent Agenda, dated October 06, 2014.

The roll call vote on the foregoing motion is as follows:

AYE	NAY	ABSENT
Mary Biggs		
Todd King		
Christopher Tuck		
Annette Perkins		
William Brown		
Gary Creed		
Matthew Gabriele		

FINANCIAL REPORT

The financial report for period ending September 30, 2014, was presented for review and discussion.

DIRECTOR'S REPORT

1. Monthly Activities Report

The September 2014 report is attached for review.

2. Virginia Department of Health Planning Grant

We received a Virginia Department of Health (VDH) Planning Grant for \$50,000 on August 28, 2014. The grant is to develop a preliminary engineering report (PER) for the interconnections of PSA water systems required by the Joinder. One of the grant conditions is to procure engineering services per the Virginia Public Procurement Act, mainly making a good faith effort to solicit Minority and Women Business Enterprises (MBE/WBE) participation. A Request for Proposal (RFP) including MBE/WBE provision was advertised on August 21, 2014 and opened on September 23, 2014. We are currently in the process of reviewing submissions and awarding a contract.

3. Water Breaks / Pipe Failures at Elliston-Lafayette Elementary School

We experienced three water breaks on the 8" PVC pipe main to the new Elliston-Lafayette Elementary School on June 18, June 20, and July 2, 2014. There have been at least six pipe failures of the same nature on the 8" PVC pipe main serving the Elliston-Lafayette Elementary School since October 2012. The pipe failures were straight-line splits in the "bell" end of the pipe. We kept damaged pipe joint sections from the last 2 breaks and sent one to the pipe manufacturer for evaluation. The pipe manufacturer's evaluation report stated the pipe failure was the result of improper installation and "additional joints are susceptible to similar stress induced failures."

We requested and received additional information from the certifying engineer and project inspector. The reply was not been overly helpful in identifying if the construction method and failure potential is the same for the entire water main.

After coordinating with Montgomery County Public School (MCPS), MCPS staff issued a letter to the general contractor claiming a "Latent Defect" in the water line installation. A meeting was held October 1, 2014 with the general contractor, pipeline subcontractor, MCPS staff and PSA staff to review the situation and available information. A follow-up meeting is expected to be held in a few weeks.

4. Capital Improvements Projects

The PSA BOD approved the FY15 Capital Improvement Projects (CIP) and funding during the April 7, 2014 PSA meeting. PSA staff has been working on the approved projects for completion in FY15. Several of the projects are underway.

5. Shawsville Wastewater Treatment Plant Metal Basin Rehabilitation Projects

The largest CIP project, Shawsville Wastewater Treatment Plant metal basin rehabilitation project started August 11, 2014 and is still underway. The project completion date was September 20, 2014 and the work is currently expected to be complete in October 2014. The bulkhead wall between the sludge digester and treatment basin was in worse condition than expected and the required corrections will result in a change order with additional project cost. The final project cost will not be known until the work is complete, as late penalties should offset the cost of the additional work.

6. Auburn High School Wastewater Discharge

One of the conditions to release final certificate of occupancy (C.O.) for the new high school was collection and analysis of wastewater samples to confirm compliance with PSA discharge limits. Two samples were collected from the school on June 16, 2014 and analyzed for parameters of concern at the Riner Wastewater Treatment Plant (WWTP). The Total Kjeldahl Nitrogen (TKN) results for both samples were magnitudes greater than the DEQ permit limit for the Riner WWTP. This is a significant concern as the wastewater from the schools comprises about half of the total flow to the WWTP.

The school representative stated they plan to collect additional samples in September 2014 for further evaluation. The PSA has been collecting and analyzing weekly TKN samples at the Riner WWTP while school is out of session to establish background loading and treatment removal levels.

7. Shawsville Well Building Damage

The PSA owns a well lot (+/- 0.4 acres) adjacent to the Roanoke River along westbound Rt. 460 just east of Shawsville. The well was part of the old Shawsville water system and taken out of service in December 1997. The well house had been broken into and all copper wire and components removed. During the May 5, 2014 PSA meeting, the PSA BOD approved the sale of the property after closure of the well.

The well closure was completed in July 2014 and the well abandonment report was submitted to the Virginia Department of Health (VDH) on August 26, 2014. We expect to advertise the property for sale after VDH approval of the required reports and removal of the well pipe connection to the water system.

8. Mudpike Water System Violation

We experienced 2 positive bacteriological (Bac-T) test results in the Mudpike water system during August 2014. After receiving notice of the second positive test, we collected and tested 4 additional Bac-T samples that were all negative.

The Virginia Department of Health (VDH) notified us by letter dated September 22, 2014 of required actions due to the positive test results. We are required to provide notice to all customers in the Mudpike system and collect extra Bac-T samples.

9. Petroleum Discharge to Elliston Wastewater Treatment Plant (WWTP)

The Elliston WWTP operates as an effluent-only facility where only liquid from the customers is discharged to the sewer system for transport to the WWTP and solids are collected and stored in a septic tank on the customers' property. The PSA pumps the solids from the septic tanks on a regular basis (+/- 5 years) and hauls the solids to the WWTP for treatment. Commercial septic tank haulers are used to pump and haul the solids from the customers' septic tanks. We currently have 181 sewer customers on the Elliston sewer system.

A trucking company's septic tank was pumped on September 8, 2014 and dumped at the WWTP. Due to a noticeable odor, the material in the WWTP septic receiving pit was analyzed and found to contain petroleum. Petroleum is a prohibited discharge and could cause an upset to the WWTP and release of petroleum to the Roanoke River. The material in the WWTP septic receiving pit will need to be removed and disposed as hazardous material.

We are in the process of determining disposal requirements and costs. We have contacted the trucking company owner relative to the situation.

10. North Fork Road (Rt. 603) Highway Project

The bid opening for the Virginia Department of Transportation (VDOT) North Fork Road project was held April 23, 2014 and work started June 30, 2014. A section of PSA sewer force main is to be relocated during the project. The PSA Board approved requesting the contractor increase the sewer force main pipe diameter from 4" to 6" and to pay for the pipe increase using funds from Operating Cash during the January 6, 2014 PSA Meeting.

The PSA Director negotiated with the contractor, Faulconer Construction Company to increase the sewer force main pipe diameter for \$27,500 which is within the approved budget.

11. 2014 Draper Aden Water and Sewer Rate Study

The "Rates Dashboard" summary of PSA water and sewer rates from the 2014 Draper Aden study is attached for review. The rates are based upon monthly billing for 5,000 gallons.

The PSA monthly water bill for 5,000 gallons is \$42.70, which is \$0.30 less than the 90th percentile of the study.

The PSA monthly sewer bill for 5,000 gallons is \$43.80, which is \$14.20 less than the 90th percentile of the study.

AUTHORITY MEMBERS' REPORT

Member Gabriele- No Report

Member King- No Report

Member Perkins- No Report

Member Creed – No Report

Member Biggs- No Report

Member Tuck - No Report

Member Brown - No Report

ADJOURNMENT

There being no further business, the Chair adjourned this meeting to the next meeting scheduled for November 3, 2014.